

ABSTRACT

Charles University in Prague

Faculty of Pharmacy in Hradec Králové

Department of Pharmacology & Toxicology

Student: Josef Řezníček

Supervisor: Prof. RNDr. Jiří Lamka, CSc.

Title of diploma thesis: Health status of selected cloven-hoofed breeds and results of its control

This thesis deals with monitoring of parasitological situation of cloven-hoofed populations in two breeds of different breeding type. In game park breed of red and fallow deer, the helminthological examinations proved presence of infectious stages of roundworms and flukeworms. Correction of parazitostatusIt was made by administration of albendazole. The effectiveness of treatment was evaluated as corresponding with initial requirement. In free hunting ground the roe deer population was parasitologically monitored during vegetative period of hunting season of the 2011 year. The examinations proved presence of lungworms (dominantly small type) despite of ivermectin administrations used during previous winters. Results of this examinations can lead owner of the roe deer breeds to assume treatment effectivity.